



UCCSS20T
UCCSS20H
UCCSM18T
UCCSM18H
UCCSL18T

UCCSL18H
UCCSS30T
UCCSS30H
UCCSM27T
UCCSM27H

UCCSS-12-36T
UCCSS-12-36H
UCCSM-10-10T
UCCSM-10-10H
UCCSM-10-20T

UCCSM-10-20H
UCCSM-10-30T
UCCSM-10-30H
UCCSM-12-36T
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UCCSM-12-24T
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This equipment generates, uses, and can radiate radio-frequency energy, and if not installed and used properly, that is, in strict accordance with the manufacturer's instructions, may cause interference to radio communication. It has been tested and found to comply with the limits for a Class A computing device in accordance with the specifications in Subpart B of Part 15 of FCC rules, which are designed to provide reasonable protection against such interference when the equipment is operated in a commercial environment. Operation of this equipment in a residential area is likely to cause interference, in which case the user at his own expense will be required to take whatever measures may be necessary to correct the interference.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

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Normas Oficiales Mexicanas (NOM) Electrical Safety Statement INSTRUCCIONES DE SEGURIDAD

1. Todas las instrucciones de seguridad y operación deberán ser leídas antes de que el aparato eléctrico sea operado.
2. Las instrucciones de seguridad y operación deberán ser guardadas para referencia futura.
3. Todas las advertencias en el aparato eléctrico y en sus instrucciones de operación deben ser respetadas.

4. Todas las instrucciones de operación y uso deben ser seguidas.
5. El aparato eléctrico no deberá ser usado cerca del agua—por ejemplo, cerca de la tina de baño, lavabo, sótano mojado o cerca de una alberca, etc.
6. El aparato eléctrico debe ser usado únicamente con carritos o pedestales que sean recomendados por el fabricante.
7. El aparato eléctrico debe ser montado a la pared o al techo sólo como sea recomendado por el fabricante.
8. Servicio—El usuario no debe intentar dar servicio al equipo eléctrico más allá lo descrito en las instrucciones de operación. Todo otro servicio deberá ser referido a personal de servicio calificado.
9. El aparato eléctrico debe ser situado de tal manera que su posición no interfiera su uso. La colocación del aparato eléctrico sobre una cama, sofá, alfombra o superficie similar puede bloquea la ventilación, no se debe colocar en libreros o gabinetes que impidan el flujo de aire por los orificios de ventilación.
10. El equipo eléctrico deber ser situado fuera del alcance de fuentes de calor como radiadores, registros de calor, estufas u otros aparatos (incluyendo amplificadores) que producen calor.
11. El aparato eléctrico deberá ser conectado a una fuente de poder sólo del tipo descrito en el instructivo de operación, o como se indique en el aparato.
12. Precaución debe ser tomada de tal manera que la tierra fisica y la polarización del equipo no sea eliminada.
13. Los cables de la fuente de poder deben ser guiados de tal manera que no sean pisados ni pellizcados por objetos colocados sobre o contra ellos, poniendo particular atención a los contactos y receptáculos donde salen del aparato.
14. El equipo eléctrico debe ser limpiado únicamente de acuerdo a las recomendaciones del fabricante.
15. En caso de existir, una antena externa deberá ser localizada lejos de las lineas de energia.

16. El cable de corriente deberá ser desconectado del cuando el equipo no sea usado por un largo periodo de tiempo.
17. Cuidado debe ser tomado de tal manera que objetos líquidos no sean derramados sobre la cubierta u orificios de ventilación.
18. Servicio por personal calificado deberá ser provisto cuando:
 - A: El cable de poder o el contacto ha sido dañado; u
 - B: Objetos han caído o líquido ha sido derramado dentro del aparato; o
 - C: El aparato ha sido expuesto a la lluvia; o
 - D: El aparato parece no operar normalmente o muestra un cambio en su desempeño; o
 - E: El aparato ha sido tirado o su cubierta ha sido dañada.

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1. Specifications

Table 1-1. Cart Specifications

Part Number	UCCSS20T, UCCSS20H	UCCSM18T, UCCSM18H	UCCSL18T, UCCSL18H	UCCSS30T, UCCSS30H	UCCSM27T, UCCSM27H
Slot Dimensions					
Height (in.)	13"	13"	13"	8.75"	8.75"
Height (cm)	33.02 cm	33.02 cm	33.02 cm	22.22 cm	22.22 cm
Width (in.)	1.36"	1.53"	1.53"	1.36"	1.53"
Width (cm)	3.45 cm	3.89 cm	3.89 cm	3.45 cm	3.89 cm
Depth (in.)	10"	15"	17"	10"	15"
Depth (cm)	25.4	38.1 cm	43.2 cm	25.4 cm	38.1 cm
Device Capacity					
Number of Devices	20	18	18	30	27
External Dimensions (Including Handle)*					
Height (in.)	44.3"	44.3"	44.3"	44.3"	44.3"
Height (cm)	112.5 cm	112.5 cm	112.5 cm	112.5 cm	112.5 cm
Width (in.)	33.1"	33.1"	33.1"	33.1"	33.1"
Width (cm)	84 cm	84 cm	84 cm	84 cm	84 cm
Depth (in.)	24.8"	24.8"	24.8"	24.8"	24.8"
Depth (cm)	63 cm	63 cm	63 cm	63 cm	63 cm
Weight (Cart with Sliding Door)					
	UCCSS20T	UCCSM18T	UCCSL18T	UCCSS30T	UCCSM27T
Weight (lb.)	134 lb.	140 lb.	146 lb.	146 lb.	155 lb.
Weight (kg)	60.8 kg	63.5 kg	66.2 kg	66.2 kg	70.3 kg
Weight (Cart with Solid Steel Door)					
	UCCSS20H	UCCSM18H	UCCSL18H	UCCSS30H	UCCSM27H
Weight (lb.)	144 lb.	150 lb.	156 lb.	156 lb.	165 lb.
Weight (kg)	65.3 kg	68 kg	70.8 kg	70.8 kg	74.8 kg

**External dimensions are the same for all single cart models.*
NOTE: Weight capacity for all single carts is 150 lb. (68.2 kg), stationary.

Table 1-1 (continued). Cart Specifications

Part Number	UCCSS-12-36H, UCCSS-12-36T	UCCSM-10-10H, UCCSM-10-10T	UCCSM-10-20H, UCCSM-10-20T	UCCSM-10-30H, UCCSM-10-30T
Slot Dimensions				
Height (in.)	8.75"	8.75"	8.75"	8.75"
Height (cm)	22.22 cm	22.22 cm	22.22 cm	22.22 cm
Width (in.)	1.12"	1.36"	1.36"	1.36"
Width (cm)	2.84 cm	3.45 cm	3.45 cm	3.45 cm
Depth (in.)	10"	13"	13"	13"
Depth (cm)	25.4	33.02 cm	33.02 cm	33.02 cm
Device Capacity				
Number of Devices	36	10	20	30
External Dimensions (Including Handle)*				
Height (in.)	44.27"	44.27"	44.27"	44.27"
Height (cm)	112.4 cm	112.4 cm	112.4 cm	112.4 cm
Width (in.)	33.07"	33.07"	33.07"	33.07"
Width (cm)	83.99 cm	83.99 cm	83.99 cm	83.99 cm
Depth (in.)	25.35"	25.35"	25.35"	25.35"
Depth (cm)	64.39 cm	64.39 cm	64.39 cm	64.39 cm
Weight (Cart with Sliding Door)				
	UCCSS-12-36T	UCCSM-10-10T	UCCSM-10-20T	UCCSM-10-30T
Weight (lb.)	211.5 lb.	193.5 lb.	208.5 lb.	223.5 lb.
Weight (kg)	95.9 kg	87.8 kg	94.6 kg	101.4 kg
Weight (Cart with Solid Steel Door)				
	UCCSS-12-36H	UCCSM-10-10H	UCCSM-10-20H	UCCSM-10-30H
Weight (lb.)	211.5 lb.	193.5 lb.	208.5 lb.	223.5 lb.
Weight (kg)	95.9 kg	87.8 kg	94.6 kg	101.4 kg

**External dimensions are the same for all single cart models.*

NOTE: Weight capacity for all single carts is 150 lb. (68.2 kg), stationary.

Table 1-1 (continued). Cart Specifications

Part Number	UCCSM-12-36H, UCCSM-12-36T	UCCSM-12-24H, UCCSM-12-24T
Slot Dimensions		
Height (in.)	8.75"	13"
Height (cm)	22.22 cm	33 cm
Width (in.)	1.1"	1.1"
Width (cm)	2.8 cm	2.8 cm
Depth (in.)	15"	15"
Depth (cm)	38.1	38.1
Device Capacity		
Number of Devices	36	24
External Dimensions (Including Handle)*		
Height (in.)	44.27"	44.27"
Height (cm)	112.4 cm	112.4 cm
Width (in.)	33.07"	33.07"
Width (cm)	83.99 cm	83.99 cm
Depth (in.)	25.35"	25.35"
Depth (cm)	64.39 cm	64.39 cm
Weight (Cart with Sliding Door)		
	UCCSM-12-36T	UCCSM-12-24T
Weight (lb.)	236.5 lb.	221.1 lb.
Weight (kg)	107.3 kg	100.3 kg
Weight (Cart with Solid Steel Door)		
	UCCSM-12-36H	UCCSM-12-24H
Weight (lb.)	236.5 lb.	221.1 lb.
Weight (kg)	107.3 kg	100.3 kg

*External dimensions are the same for all single cart models.

NOTE: Weight capacity for all single carts is 150 lb. (68.2 kg), stationary.

Table 1-2. Power Strip Specifications

Part Number	Timer	Included Power Strips
UCCSM18T, UCCSM18H	(1) 4-outlet, 4-bank timer with "always-on outlet," 15-minute increments, 100–125 V, 50–60 Hz, 15 amp max.	(2) 12-outlet, 15 A max.
UCCSL18T, UCCSL18H		(2) 12-outlet, 15 A max.
UCCSS20T, UCCSS20H		(2) 12-outlet, 15 A max.
UCCSS30T, UCCSS30H		(3) 12-outlet, 15 A max.
UCCSM27T, UCCSM27H		(3) 12-outlet, 15 A max.
UCCSS-12-36T, UCCSS-12-36H		(3) 12-outlet, 15 A max.
UCCSM-10-10T UCCSM-10-10H		(1) 12-outlet, 15 A max.
UCCSM-10-20T, UCCSM-10-20H		(2) 12-outlet, 15 A max.
UCCSM-10-30T, UCCSM-10-30H		(3) 12-outlet, 15 A max.
UCCSM-12-36T, UCCSM-12-36H		(3) 12-outlet, 15 A max.
UCCSM-12-24T, UCCSM-12-24H		(2) 12-outlet, 15 A max.

Table 1-3. Accessories Specifications

Part Number	Accessory	Specs
UCCSHELFS	Small device shelf	Number of Slots: 10; Slot Dimensions: 1.32"W x 10"D
UCCSHELFM	Medium device shelf	Number of Slots: 9; Slot Dimensions: 1.52"W x 15"D
UCCSHELFL	Large device shelf	Number of Slots: 9; Slot Dimensions: 1.52"W x 17"D
UCCSHELF	Storage shelf	Height: 2U
UCC-PPM	Pop-up power module	Recesses into top laminate of cart, 2-outlet, 110–125 V
UCCDRAWER-2U	2U Accessory Drawer	Height: 3.5"H (2U); Cable Access: 1.75"D; Weight: 15 lb. (6.8 kg)
UCCDRAWER-3U	3U Accessory Drawer	Height: 5.25"H (3U); Cable Access: 1.75"D; Weight: 18 lb. (8.2 kg)

2. Overview

2.1 Introduction

The iPad®, Chromebook®, Tablet, and Laptop Cart is designed to store, charge, and transport tablets, e-readers, laptops, netbooks, and other similar devices. Units are available with capacities for 18, 20, 27, or 30 separate storage slots. Each unit plugs into a typical 120-volt 15-amp outlet. Carts are available with sliding or solid-steel doors.

Please read these operating instructions carefully. They contain important advice concerning the use and safety of your cart. This Cart must only be used for its intended purpose in accordance with these operating instructions.

2.2 What's Included

- iPad, Chromebook, Tablet, and Laptop Cart with 10-, 18-, 20-, 24-, 27-, 30- or 36-device capacity; assembled
- (4) casters (installed), including: (2) locking swivel casters and (2) non-locking fixed casters
- (1) 4-outlet timer (4-bank) (installed)
- Power Strips (installed): See the power strips specifications in Table 1-2 on the previous page.
- Cart handle with mounting hardware (to be installed by user)
- (1) user's manual
- (2) sets of keys

2.3 Hardware Description

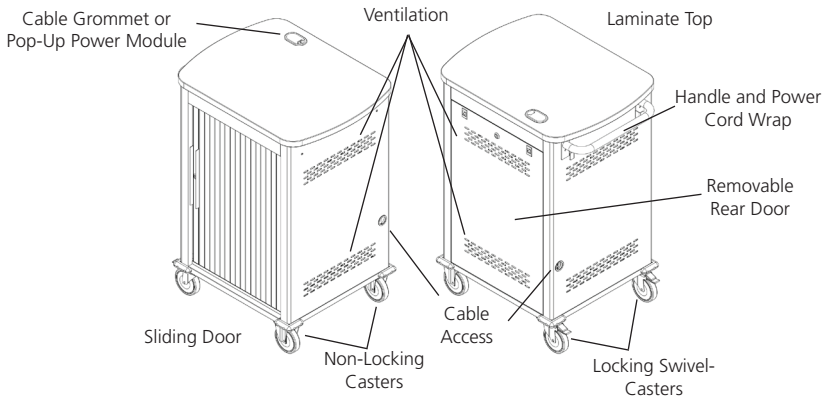


Figure 2-1. Front and back of cart with sliding door.

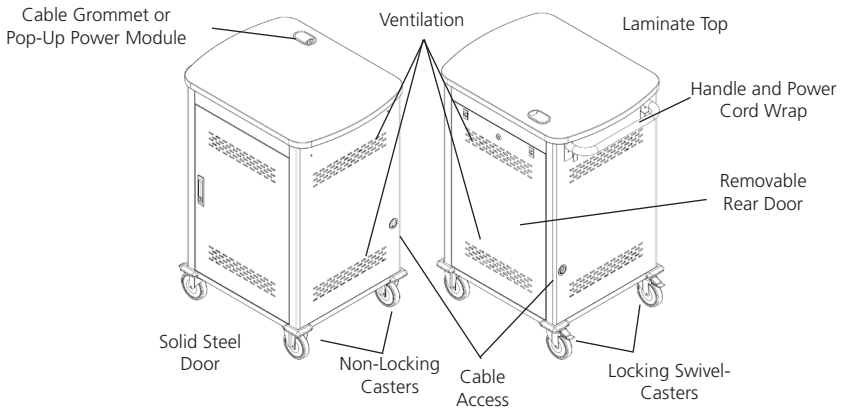


Figure 2-2. Front and back of cart with solid steel door.

Chapter 3: Electrical Precautions

3. Electrical Precautions

- The power switch must be in the “OFF” position before plugging the Cart into a wall receptacle.
- The Cart must ONLY be connected to a 120-volt AC 15- or 20-amp power supply.
- The Cart must only be used by adults or with adult supervision.
- Always store the power cord around the cord wraps when transporting the Cart.
- Never pull the Cart by the power cord.
- Do not plug the Cart in if the switch, receptacle(s), or power cord has been damaged. All electrical components on this product must be repaired by a qualified electrician.
- Do not use an extension cord in conjunction with the Cart.
- Do not use liquids in or around the Cart environment.
- Inadequate repair can create significant hazards to users and is not covered by warranty.
- For your safety, we recommend that a qualified electrician test the circuit you will be plugging the Cart into. The circuit should be checked for ground integrity and appropriate branch circuit protection.
- The Cart ground prong must be present for safe operation. If the plug is damaged or if the ground prong has been removed, it should be replaced by a qualified electrician.
- The use of the Cart, including plugging or unplugging laptops, plugging or unplugging the Cart, operating the control switch, and engaging or releasing the directional and locked casters, must be done with adult supervision.

3.1 Other Precautions

- The Cart can be very heavy when fully loaded with laptops and should be moved about by persons physically able to do so.
- The Cart should only be used for the storage and transport of tablets, laptops, and other similar devices.
- Misuse, incorrect operation, or inadequate repair of the Cart will void the warranty.

4. Configuration and Setup

Remove and discard all packaging materials and then lock the lockable casters.

Open and inspect the Cart to verify all doors, locks, and casters are working properly.

Do not plug the Cart into a wall outlet until all configurations and setup are complete.

4.1 Installing the Handle

The handle/cord wrap installs on the side of the cart with the locking swivel casters.

NOTE: The casters swivel on one side of the Cart and are fixed on the other. Consider maneuverability options before installing the handle.

Step 1: Locate the side of the cart with the locking swivel casters.

Step 2. Place the handle so that the holes in the brackets are aligned with the threaded holes in the side panels.

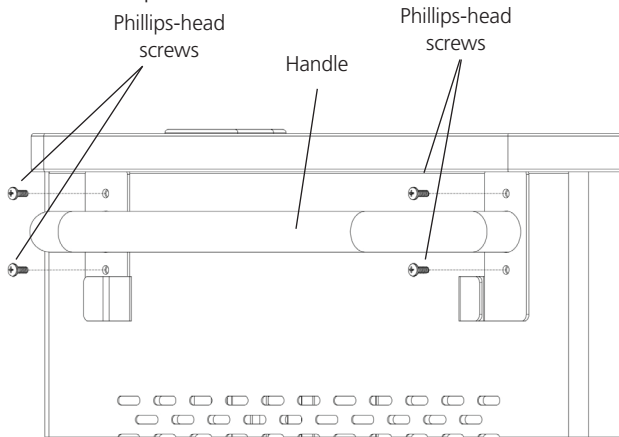


Figure 4-1. Handle assembly.

Step 3. Using a Phillips-head screwdriver, tighten four of the Phillips-head screws into the threaded holes.

Chapter 4: Configuration and Setup

4.2 Routing the Cable (UCCSS20T, UCCSS20H, UCCSS30T, UCCSS30H)

1. At the back of the cart, loosen the two screws on the cable manager, pull up on the top section of the cable manager, and place the device side of the charging cable into one of the slots. (See Figure 4-2.)

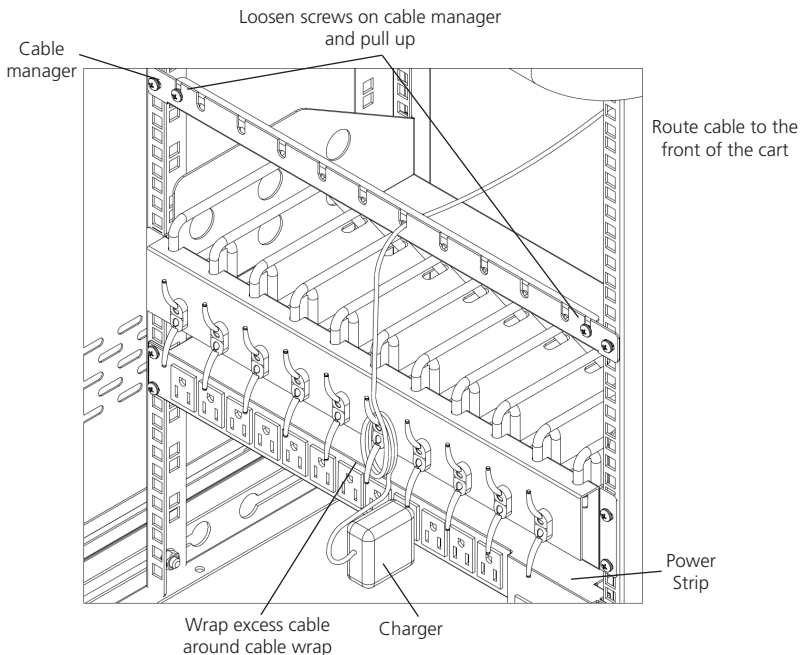


Figure 4-2. Small shelf routing instructions.

2. Replace the top section of the cable manager and tighten the screws.
3. Route the device side of the charging cable to the front of the cart and repeat step 1 for the front cable manager.
4. Wrap any excess cable around the cable wrap on the back of the shelf.
5. Plug the charger power plug into the power strip located below the shelf.

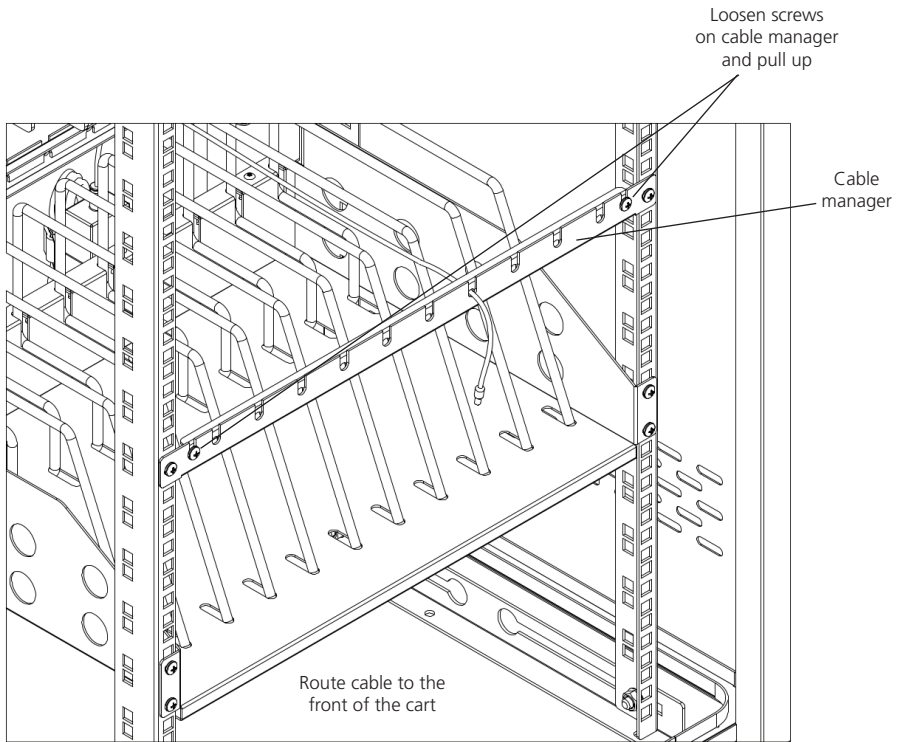


Figure 4-3. Routing the cable.

4.3 Fastening the Power Bricks and Routing the Cable (UCCSM18T, UCCSM18H, UCCSM27T, UCCSM27H, UCCSL18T, UCCSL18H)

1. Attach the wrapped cord and power brick to the back of the shelf using the hook and loop strap. Keep some extra cable unwrapped to plug into the power strip. (See Figure 4-4.)
2. Loosen the two screws on the cable manager, pull up on the top section of the cable manager, and place the device side of the charging cable into one of the slots.
3. Replace the top section of the cable manager and tighten the screws.
4. Route the device side of the charging cable to the front of the cart and repeat step 2 for the front cable manager (see Figure 4-3).
5. Plug the charger power plug into the power strip located below the shelf.

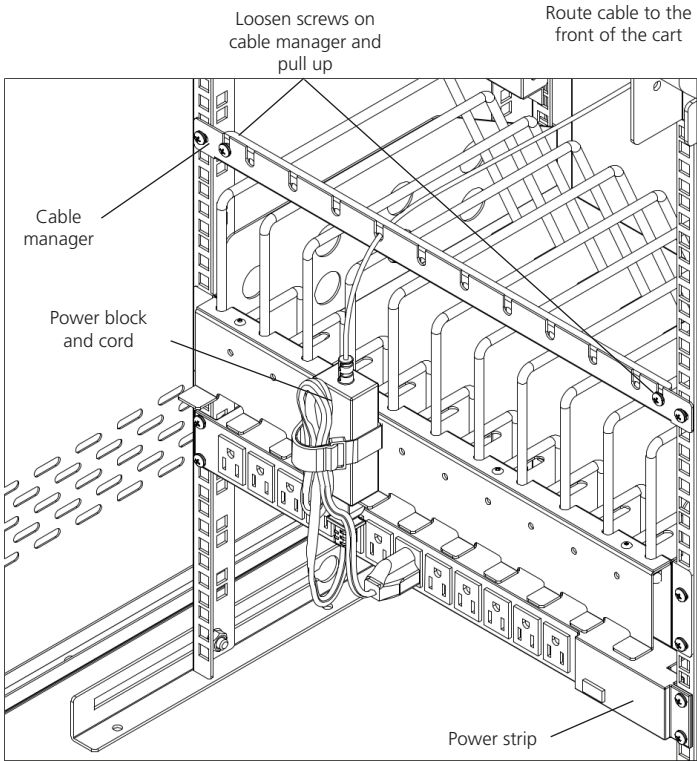


Figure 4-4. Fastening the power brick and routing the cable.

5. Using Your iPad, Chromebook, Tablet, and Laptop Cart

5.1 Charging Your Computers

- After the devices have been loaded into the Cart, plug the power cord of the Cart into a suitable receptacle.
- Locate the internal power switches on the timer and power strips of the Cart and push the switches to the ON position.

5.2 Moving Your iPad, Chromebook, Tablet, and Laptop Cart

- Turn the timer power switch to the off position.
- Remove the Cart plug from the wall receptacle and wrap the cord around the cord wrap or handle.
- Close and secure sliding or solid-steel doors.
- Your Cart comes equipped with two fixed casters and two locking swivel casters. Unlock the casters before moving the Cart to a new location.
- When you reach your desired destination, lock the casters to prevent the cart from moving and plug the Cart into a wall receptacle.

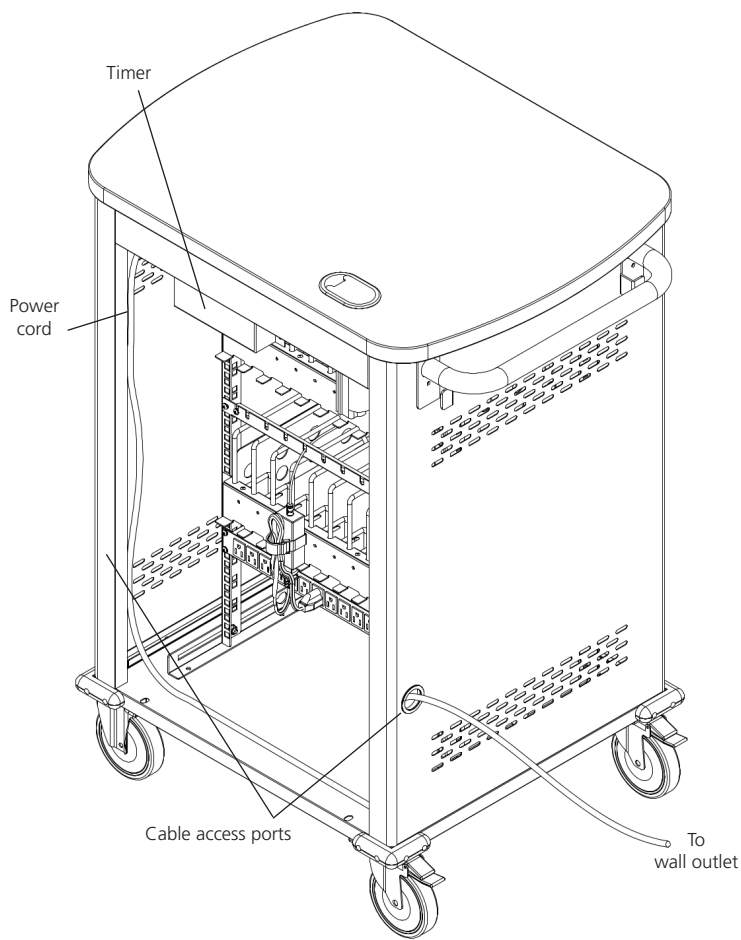


Figure 5-1. Plug the cart into the wall.

5.3 Timer Instructions

Before using your timer:

- For your safety, we recommend that a qualified electrician test the circuit you will plug the cart into. The circuit should be checked for ground integrity and appropriate branch circuit protection.
- The cart's ground prong must be present for safe operation. If the plug is damaged or if the ground prong has been removed, it should be replaced by a qualified electrician.
- Using the cart, including plugging it in or unplugging it, plugging in or unplugging the laptop(s) or other electrical equipment, or operating the control switch must be done with adult supervision.

The timer comes preset from the factory to alternate power between the power strips at 15-minute intervals.

All power strips cannot charge simultaneously.

By plugging the cart power cord into an approved outlet and flipping the red switches located on the timer and power strips, the cart will begin charging.

To end power, turn the red switch on the timer off and unplug the cart from the wall outlet.

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[Ethernet in Harsh Environments](#)

Learn about the top three growth drivers for fiber networks: greater bandwidth needs, increased storage demands, and the transition to higher network speeds.

[Improve the Quality of Fiber Installations with Extended Fiber Certification](#)

Meet the need for implementation speed without sacrificing accuracy.

[Proven Techniques and Best Practices for Managing Infrastructure Changes](#)

Move your private networks in premises and campus environments towards high-speed applications.

[Testing Today's High-Speed Multimode Fiber Infrastructure](#)

Use easy-to-install, standardized, plug-and-play technology.

[Troubleshooting Your Industrial Network](#)

Be sure to complete this step when installing a new local area network segment.

[Validate LAN Installations for Optimal Service Delivery](#)

Wireless

Ten Commandments of Wireless Communications white paper. Take these ten steps to ensure wireless success.

[Wireless Communications](#)

Run wireless even in extreme environments.

[Industrial Wireless](#)

Is your network ready?

[Tablets in Education](#)

A basic overview of standards, installation, and security.

[Wireless Networking](#)